

**CLASS SPECIFICATION**  
**County of Fairfax, Virginia**

**CLASS CODE:** 5188

**TITLE:** ENVIRONMENTAL TECHNOLOGIST III

**GRADE:** S-23

**DEFINITION:**

Under general supervision, plans and supervises a section of environmental services such as general laboratory, analytical instrumentation or industrial waste control; and performs related work as required.

**ILLUSTRATIVE DUTIES:**

Plans and directs section activities including staffing, scheduling, budgeting, personnel training and evaluation;

Reviews, evaluates and interprets data;

Supervises and prepares reports, correspondence, permits, enforcement actions and, inventory and supply records;

Directs the collection of samples, sample preparation, testing of samples (including chemical, biological and physical tests) and regulation of industrial discharges (including monitoring, inspecting and reporting, associated with wastewater treatment plants, streams and estuaries, landfills, industries and other areas of concern);

Ensures compliance with all pertinent Federal, State and County regulations and procedures;

Coordinates interagency programs;

Develops new procedures for testing, inspections and data handling;

Performs complex analysis;

Monitors the accuracy/quality control of test data;

Conducts special investigations;

Promotes safety awareness and enforces safety procedures.

**REQUIRED KNOWLEDGE, SKILLS, AND ABILITIES:**

Knowledge of the methods, principles, techniques and practices used in a sophisticated environmental services program;

Knowledge of the pertinent Federal, State and County regulations;

Knowledge of safety procedures for handling and testing substances;

Ability to plan, supervise and train others;

Ability to prepare clear, concise technical and financial reports;

Ability to evaluate and interpret scientific data;

Ability to develop new testing procedures;

Ability to keep abreast of current developments in the field;

Ability to direct and evaluate the collection and evaluation of samples;

Ability to communicate effectively both verbally and in writing.

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**EMPLOYMENT STANDARDS:**

Any combination of education, experience and training equivalent to graduation from an accredited four-year college or university with a degree in chemistry, biology or a related science; plus three years of progressively responsible experience performing chemical, biochemical, microbiological, and physical tests and/or regulatory control, on wastewater, streams, estuary, and industrial wastes. One year of the required experience should be in a specialized area of environmental services, i.e., advanced instrumentation, management information system, quality control/assurance or field monitoring; preferably including and/or supplemented by supervisory training and/or experience.

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